

01-10-05

U.S. Express Mail No. ED273473744US
Attorney Docket No.: AM-6051.P1

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Mark Crockett et al.

SERIAL NO.: 10/617,950

FILED: July 12, 2003

FOR: MICROMACHINED, INTEGRATED FLUID
DELIVERY SYSTEM FOR SEMICONDUCTOR
PROCESSING EQUIPMENT



§ GROUP ART UNIT: Unknown

§ EXAMINER: Unknown

§ Attorney Docket No.:
§ AM-6051.P1

January 6, 2005

PRELIMINARY AMENDMENT "A"

Hon. Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

This Preliminary Amendment "A" is being submitted in order to amend the Title of the application to more accurately reflect the claimed subject matter. In addition, the Specification is being amended at Paragraph [0069] to refer to a horizontal member 118 in Figure 1, which corresponds with the equivalent horizontal member 318 in Figure 3 (for purposes of comparative reference), and to refer to vertical member 134, which is shown on the drawing as originally filed, but which is not referenced. Replacement Formal Drawings for Pages 1 and 18 are also submitted, along with Annotated Sheets showing the changes being made to these drawings.

Please amend the application as follows.

CERTIFICATE OF MAILING UNDER 37 CFR § 1.10

I hereby certify that this paper and any documents said to accompany this paper are being deposited with the U.S. Postal Service on the date shown below with sufficient postage as U.S. EXPRESS MAIL NO. ED273473744US in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: January 6, 2005


Shirley L. Church, Reg. No. 31,858



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**PRELIMINARY AMENDMENT "A"
AND REPLACEMENT FORMAL DRAWINGS
TRANSMITTAL LETTER**

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith are applicants' Preliminary Amendment "A" and two (2) pages of Replacement Formal Drawings. Applicants are submitting two (2) pages (Pages 1 and 18) of Replacement Formal Drawings (in duplicate) in order to correct errors in Figures 1 and 10 which were present in the originally submitted set of formal drawings. Each drawing is labeled on its front with the application serial number, name of the inventor, title of the patent application, attorney docket number, page number, and the name of the contact should there be any questions about the drawings. The Replacement Formal Drawings have been labeled "Replacement Sheets". In addition, marked-up copies of drawings Pages 1 and 18, which have been labeled as "Annotated Sheets", are being submitted, so that the Examiner can clearly see the changes which are being made.

CERTIFICATE OF MAILING UNDER 37 CFR § 1.10

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below as U.S. Express Mail No. ED273473744US in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Shirley L. Church
Shirley L. Church, Reg. No. 31,858

Applicants do not believe that any fee is due in connection with the filing of this Preliminary Amendment "A" and Replacement Formal drawings. However, if a fee is due, the Commissioner is hereby authorized to charge any such fee to Deposit Account No. 05-1512 of Shirley L. Church, Sunnyvale, California.

This transmittal letter is submitted in duplicate for accounting purposes.

Respectfully Submitted,



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